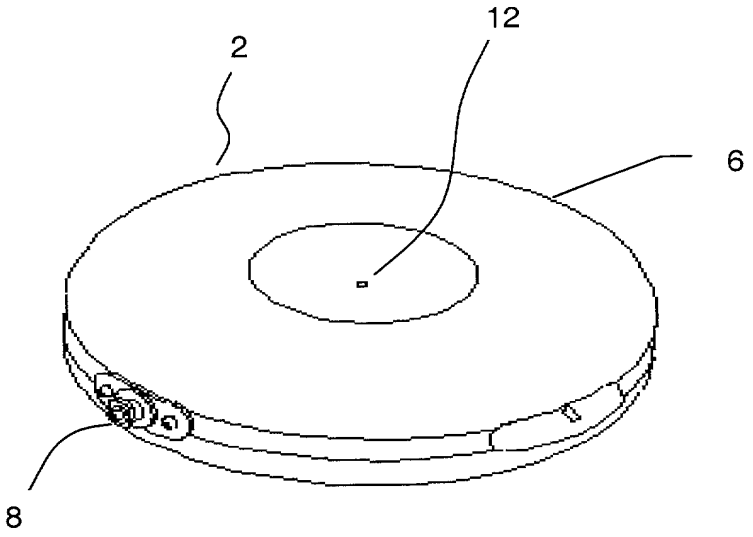

FIGURE 1A

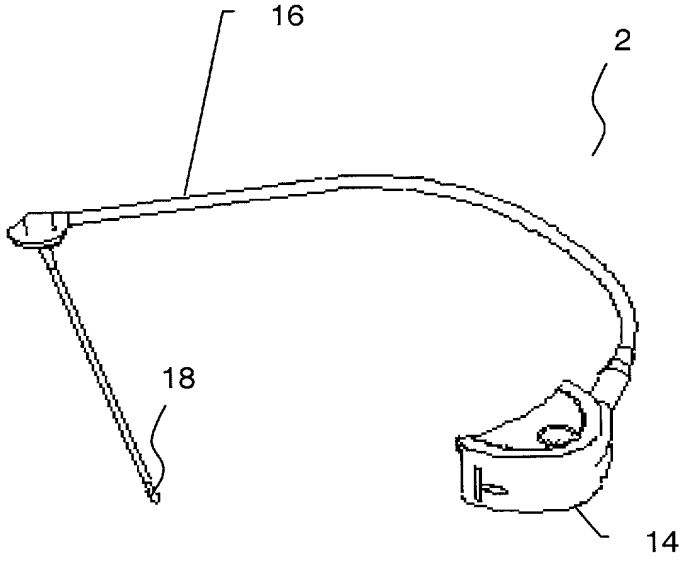

FIGURE 1B

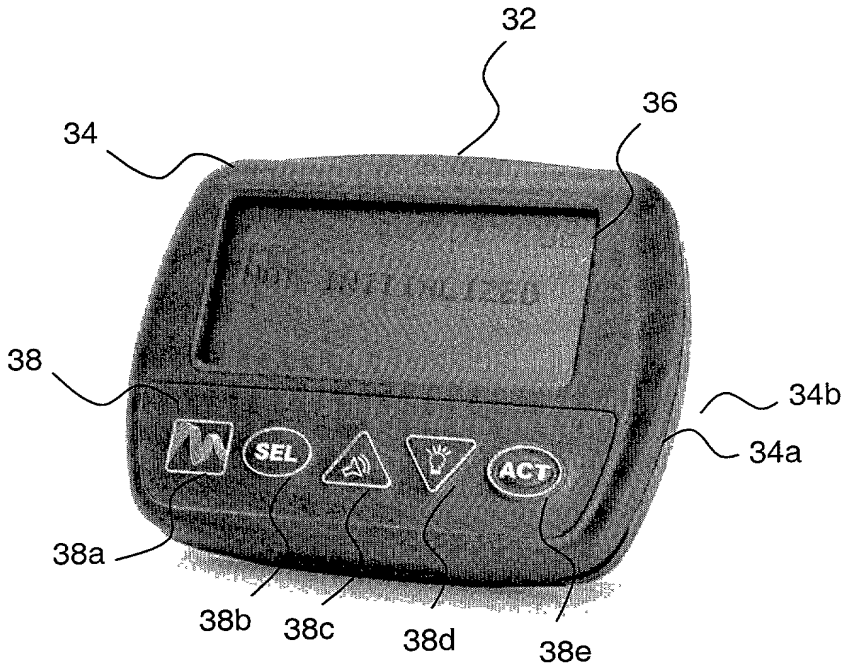

FIGURE 2

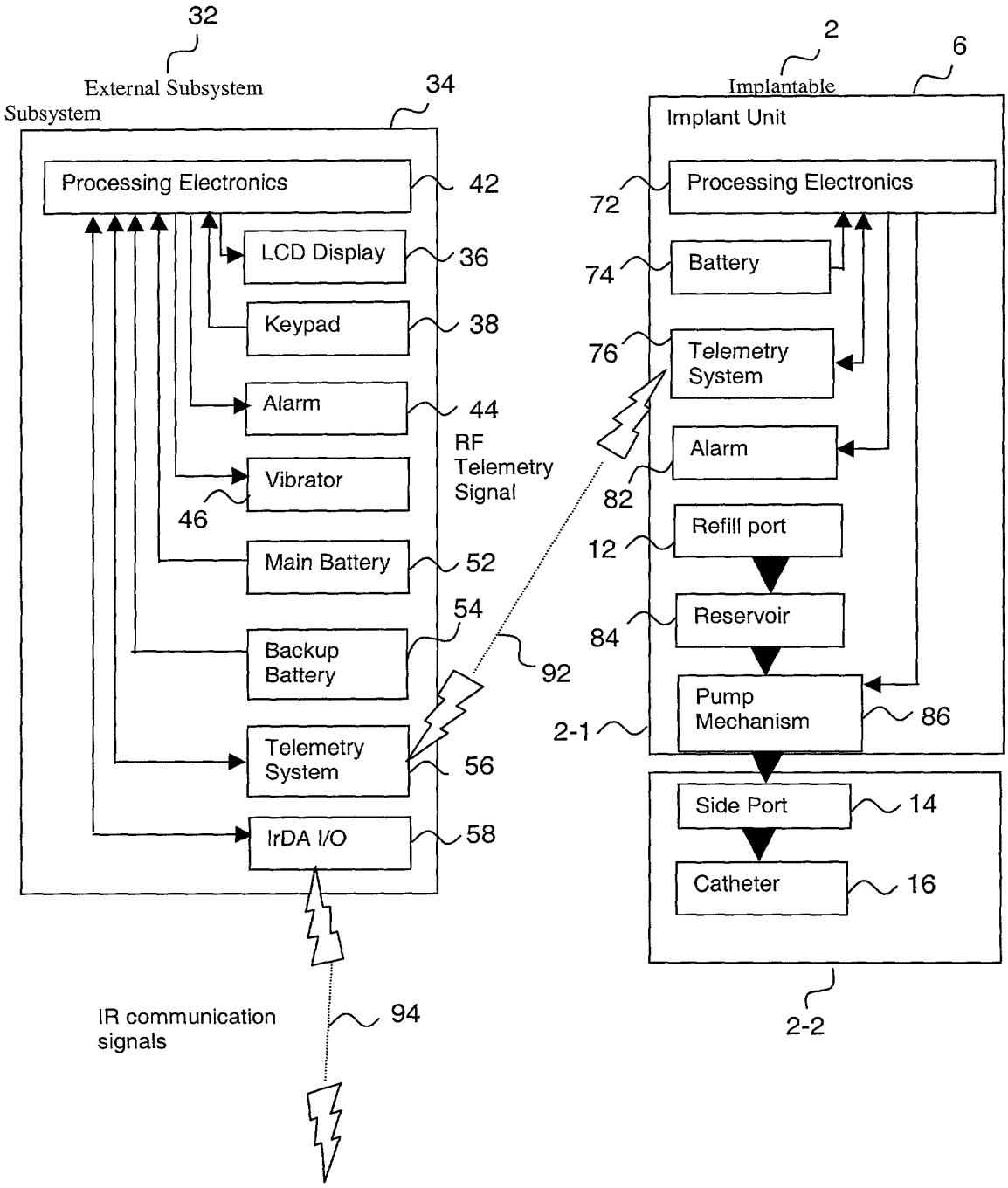
32
External Subsystem
Subsystem
34
Processing Electronics
42
LCD Display
36
Keypad
38
Alarm
44
Vibrator
46
Main Battery
52
Backup Battery
54
Telemetry System
56
IrDA I/O
58
RF Telemetry Signal
92
IR communication signals
94
2
Implantable
Implant Unit
6
Processing Electronics
72
Battery
74
Telemetry System
76
Alarm
82
Refill port
12
Reservoir
84
Pump Mechanism
86
2-1
Side Port
14
Catheter
16
2-2

FIGURE 3